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A children's activity guide to

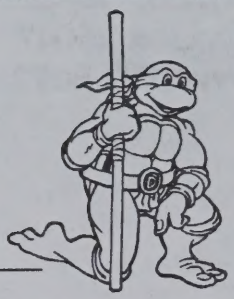
Mystery of the Cliffs

Teenage Mutant Ninja Turtles, Copyright Mirage Studios, 1992

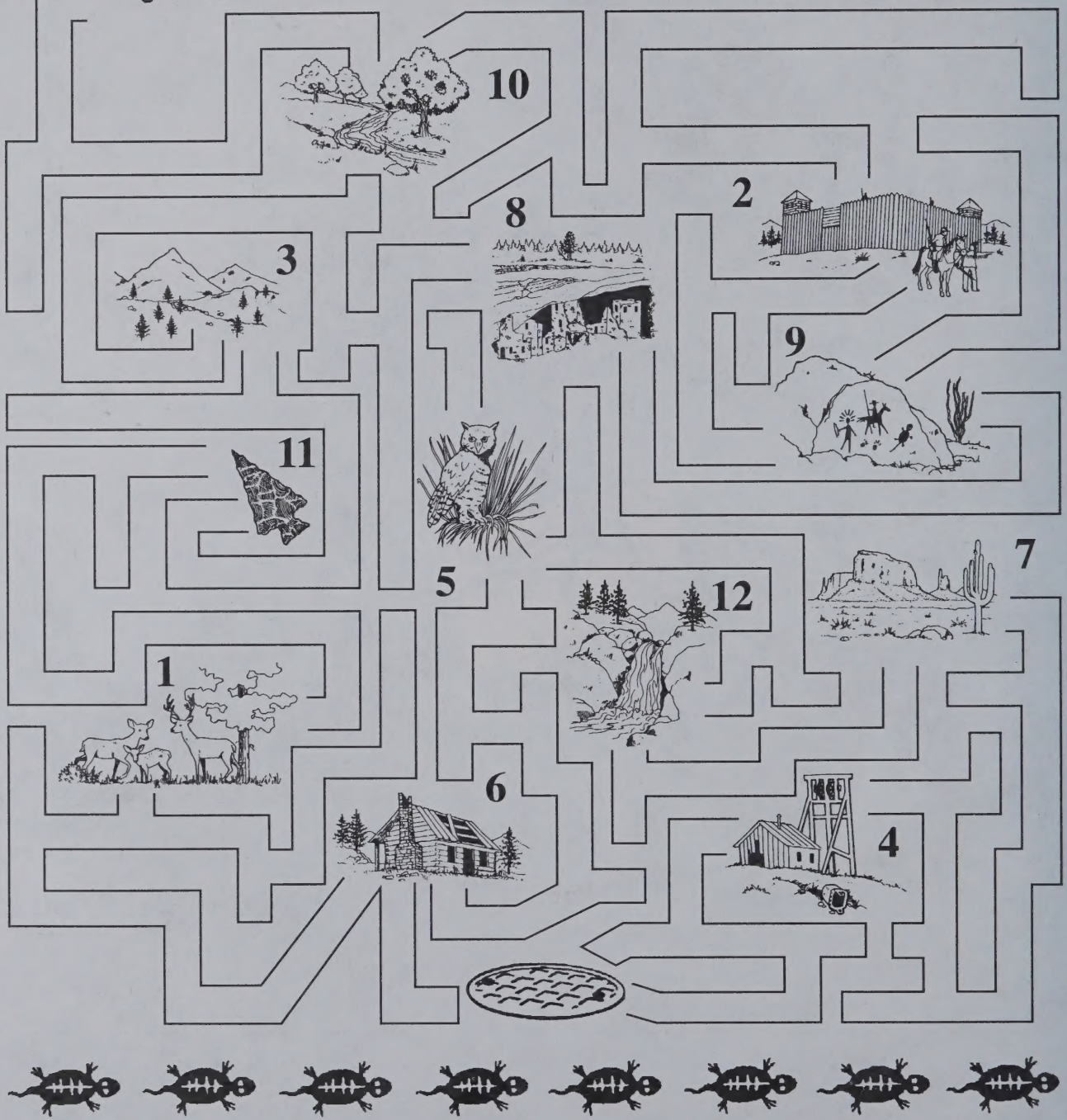
Illustrations by Shelly Fischman

U.S. Department of the Interior
Bureau of Land Management

Maze



"Hey kids, let's see some awesome natural wonders and cultural resources (things and structures made by people). On the way, color all the natural wonders green. Color all the cultural resources red."



Extension– Write a story, skit, poem, or song about your two tours.

Choose the Right Answer

What do these artifacts tell you about Americans from the past? Circle your answer.

1

a. they bought dishes at a store

b. they only used broken dishes

c. they were artists

d. they knew how to make paint from natural materials

e. c and d

2

a. they had an alphabet

b. they knew creatures from space

c. they used symbols

d. they made petroglyphs with electric power tools

3

a. they knew where to find the right kind of stone

b. they needed sharp tools

c. they were hunters

d. all of the above

4

a. they had only one bathtub

b. over 100 people lived in one place

c. they had a 2-car garage

d. they were not nomads

True or False?

1. _____ Archaeologists study dinosaurs.
2. _____ Historians study current events.
3. _____ Archaeological and historic sites are important because they often contain gold.
4. _____ When Donatello said "We are all the stewards of America's historic treasures," he meant that everyone has to help take care of America's archaeological and historic sites.
5. _____ 270 million acres of Public Lands belong to you.
6. _____ When you find an ancient or historic artifact you should take it home with you.

Matching

"Hey kids - help me solve these mysteries. Let's see what the artifacts in the first column tell us about the people from the past."

Draw a line connecting the artifact piece in the first column with its more complete picture in the second column. Then draw a line from the complete picture of the artifact to the related picture in the third column.

A

B

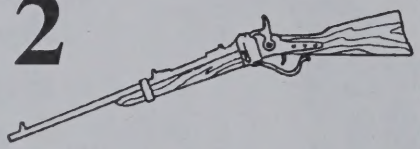
C

D

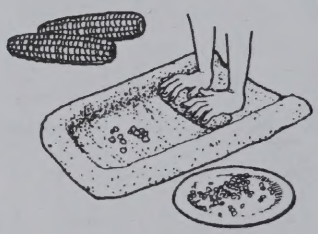
E

1

2



3



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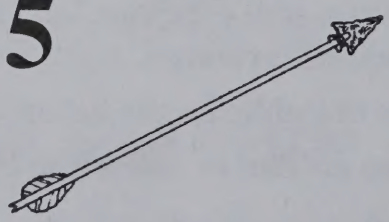
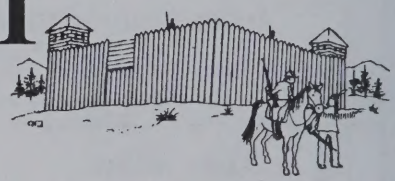
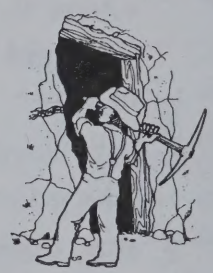
5



1



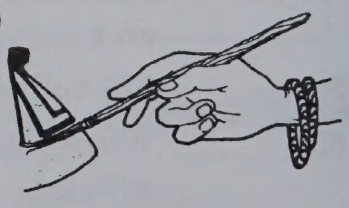
2



3

4

5



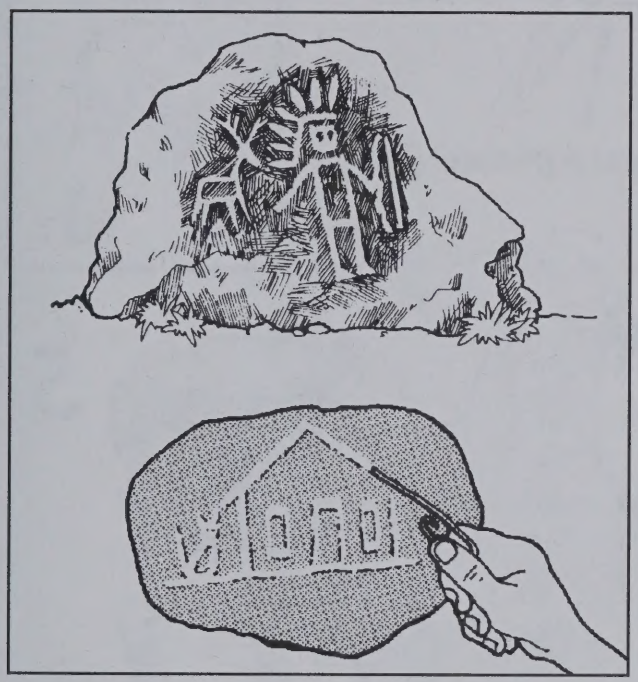
Make Your Own Rock Art

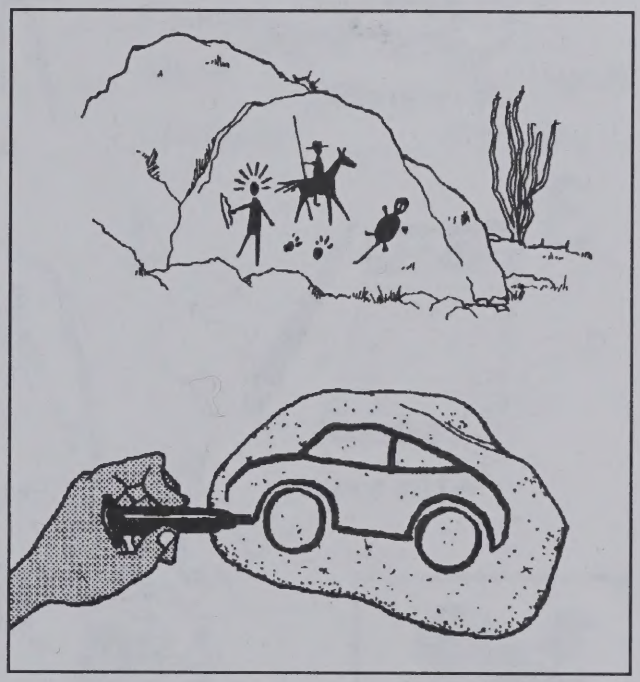
Petroglyphs

Using clay or plaster of paris, make your own petroglyphs. Take a slab of clay or dry plaster and use a paperclip to engrave a design.

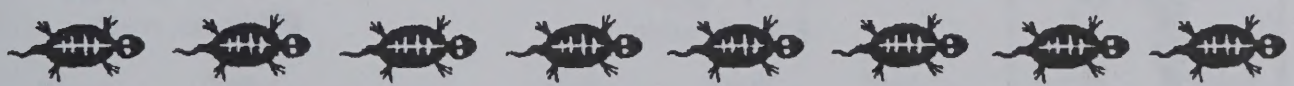
Pictographs

You can make another kind of rock art, too. Pictographs are painted on rock, not carved into rock like petroglyphs. Take a small flat piece of stone and use markers or crayons to make pictographs.





Remember!! Never make marks on real rock walls or rock art. If you ever see someone harming rock art, walk away and report him or her to the police.



What is a Steward?

A steward is someone who takes care of things. You already know how to be a good steward at home. Name three things you already take care of at home:

1._____ **2.**_____ **3.**_____

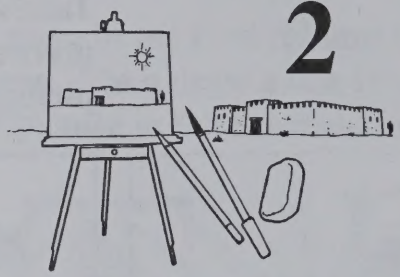
DOS and DON'TS

Some of the pictures below show actions that a Deputy Teenage Mutant Ninja Turtle does to be a good steward of America's cultural heritage. Circle these. Some of the pictures below show actions that the evil foot clan would do to harm America's cultural resources. Draw an X through these pictures.

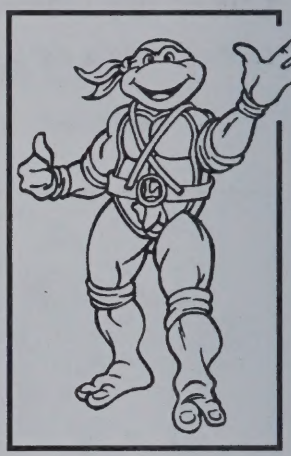
1

Draw graffiti

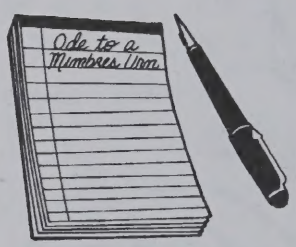
2



Paint a picture



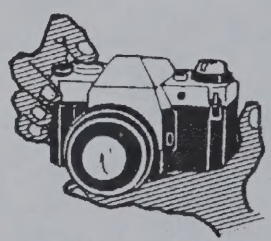
3



Write a story

4

Spray paint



5

Take a photo

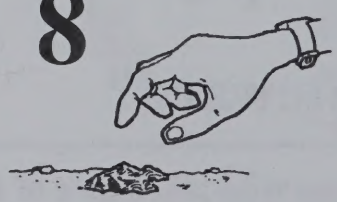
6

Bike across

7

Walk on walls

8



Take objects home

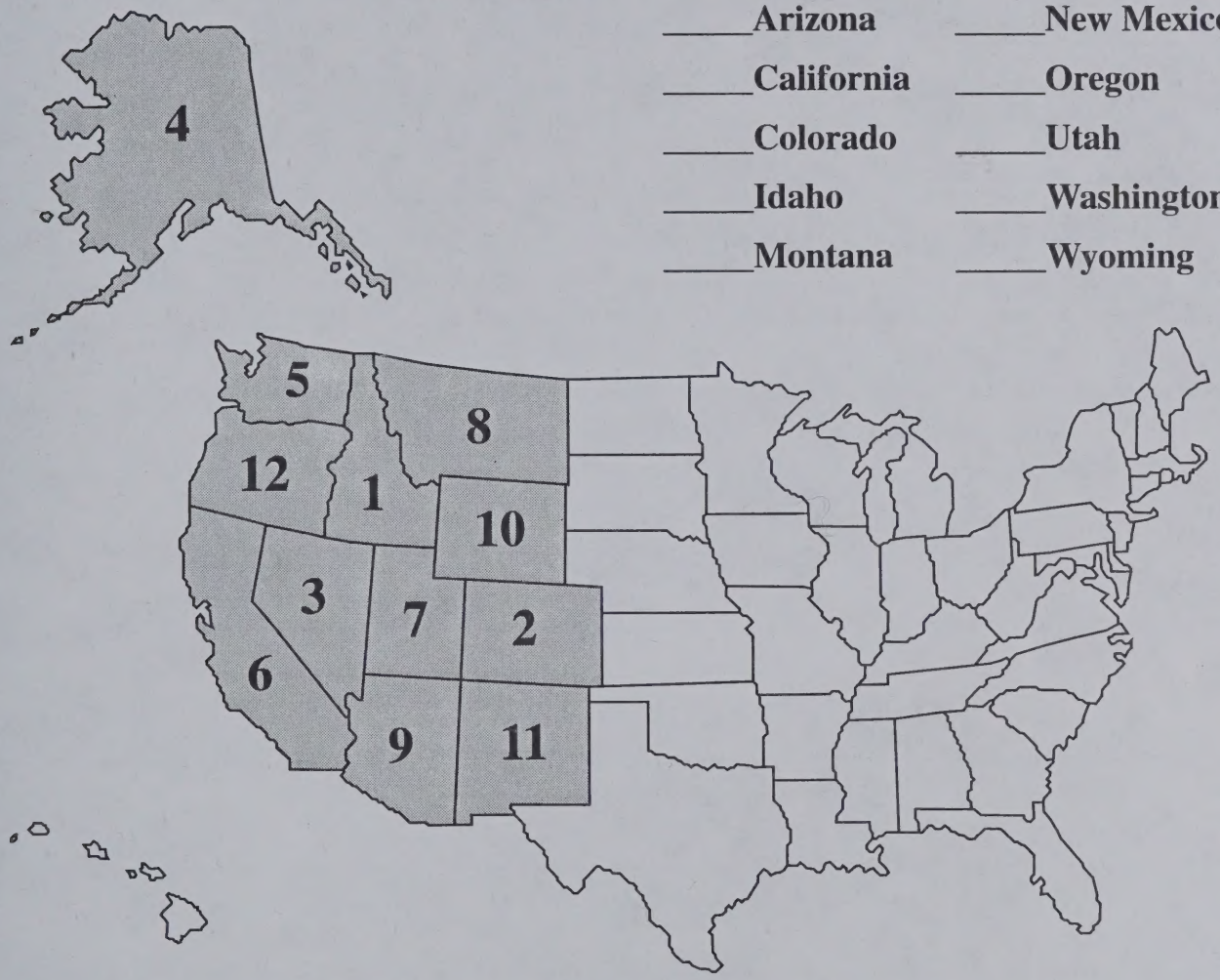
True or False?

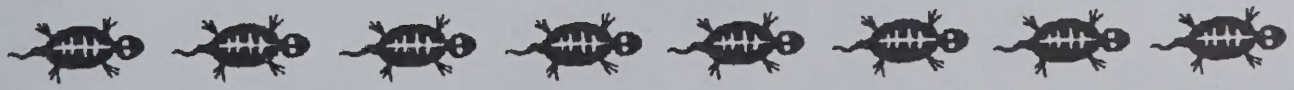
One of the Teenage Mutant Ninja Turtles did something which could harm the petroglyphs he discovered in the cave.

Name the States

The shaded areas of the map show where most of your Public Lands are located. The Bureau of Land Management takes care of these lands with help from all Americans. Can you name the states with Public Lands? Write the number of the state next to its name at the left.

_____Alaska	_____Nevada
_____Arizona	_____New Mexico
_____California	_____Oregon
_____Colorado	_____Utah
_____Idaho	_____Washington
_____Montana	_____Wyoming





**"Hey Dudes — Great idea —
Invite an archaeologist or historian to visit your class.
Call your local BLM office, local university or
state historic preservation office for
archaeologists and historians in your area."**

KEY

Maze

On his way home, Donatello discovers these natural wonders: 10. stream, 3. mountains, 1. deer, 5. owl, 12. waterfall, and 7. desert. He also discovers these cultural resources: 2. fort, 9. petroglyphs, 8. cliff dwelling, 11. arrowhead, 6. pioneer cabin, and 4. mining relics.

Choose the Right Answer

1e. - even though sherds are from broken pots, they can tell us many things, such as the style of pottery, the technology used to make the pot, and an estimation of the size and shape of the unbroken vessel. People at different times and places made different styles of pottery, so a sherd can even tell us its age and the culture of its maker.

2c. - there was no true writing system in North America prior to European contact. We do not know the meaning rock art had to its makers.

3d. - like pottery, the style of an arrowhead can tell us its approximate age and the culture of the person who made it.

4d. - people who make structures meant to be permanent are not usually nomads. Nomadic people live in tents, caves, or structures that can be assembled in a hurry using locally available materials, such as grass and brush.

True or False? (page 2)

1. False. Archaeologists learn about people of the past by studying the things they left behind. Dinosaurs and people were not on the earth at the same time – dinosaurs died out 65 million years before humans appeared. Paleontologists study dinosaurs, plants and other fossils.

2. False. Historians study past events by examining written records and other material evidence of human activity.

3. False. Sites can reveal wonderful, exciting and mysterious stories about cultures that no longer exist, and can show us how we have affected and been affected by the environment. These lessons from the past can help us solve modern day problems. Sites almost never contain gold.

4. True. Many of America's millions of archaeological and historic sites are in remote locations and are not guarded by rangers. Everyone is on the honor system when visiting these sites.

5. True. These lands belong to all of the people of the United States, and are managed on behalf of the American people, present and future, by the Bureau of Land Management.

6. False. Everyone can protect historic and archaeological sites by never collecting artifacts and by reporting anyone they see damaging sites to rangers or police.

Matching

A21, B34, C42, D53, E15

Dos and Don'ts

Do's: 2, 3, 5 Don'ts: 1, 4, 6, 7, 8

True or False? (page 5)

True. Donatello innocently *touched* the petroglyphs when he was explaining to Michaelangelo that the petroglyphs tell a story about the people who lived there long ago. Donatello did not realize that by touching the petroglyphs he could damage them. Touching can cause the paint in pictographs and the rock in petroglyphs to flake away and destroy these ancient pictures. Even people with good intentions need to learn the *Dos and Don'ts* of protecting our nation's cultural resources and share what they learn with others.

Name the States

1–Idaho, 2–Colorado, 3–Nevada, 4–Alaska, 5–Washington, 6–California, 7–Utah, 8–Montana, 9–Arizona, 10–Wyoming, 11–New Mexico, and 12–Oregon (Note: small parcels of public lands managed by the BLM are also scattered throughout the Eastern United States.)

☆U.S. GOVERNMENT PRINTING OFFICE: 1992–837-661

Special thanks to Surge Licensing, Inc., and Mirage Studios for their cooperation in creating this booklet.